

## ***Harmonia axyridis* NO PARAGUAI E NOVOS PREDADORES IDENTIFICADOS NO CULTIVO DO ALGODOEIRO (*Harmonia axyridis* IN PARAGUAY AND NEW PREDATORS IDENTIFIED IN COTTON CROP)**

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Strong inventories of cotton pests natural enemies were made in Paraguay by B. Michel and P. Prudent (1987 to 1992). Collections of the cotton entomofauna have been maintained, with visual observations during field visits of the national cotton program (PIEA) experimental plots. The new following predators have been identified: *Oecanthus* sp. (Orthoptera Oecanthidae), *Acontiothespis brevipennis* and *A. concinna* (Dictyoptera Mantodea, Hymenopodidae), *Orthoderella ornata* (Mantidae), *Ceratocapsus paraguayensis* and *C. dispersus* (Hemiptera, Coreidae), *Oplomus* sp. (Pentatomidae Asopinae), *Castrida elegans granulatum* (Carabidae), *Phelister rufinotus* (Histeridae), *Trox suberosus* (Coleoptera, Trogidae). Among 2167 specimens of Coccinellidae identified by C. Duverger, 2052 (94.7%) belonged to *Pullus gillae*, 85 were identified as *Hyperaspis festiva*, 17 were *Pullus loewi*, 13 belonged to *Naemia (Eriopis) connexa* and 8 to *Cycloneda sanguinea* species. None of *Scymnus* have been identified. The genus *Pullus*, very similar, is dominant. Inside the Reduviidae family (Harpactorinae) the following species were identified by J.M. Bérenger: *Zelus longipes*, very common, *Z. laticornis*, *Z. ruficeps*, *Z. armillatus*, *Atrachelus cinereus* ssp. *crassicornis* and *Apiomerus apicalis*. *Podisus nigrispinosus* is a common Pentatomidae predator on *Alabama argillacea*. *Harmonia axyridis* has been identified as an adult for the first time in Paraguay in cotton field in Caaguazu and Coronel Bogado, in January 2006. Larvae have been observed- also on cotton- in Caaguazu. Larvae and one adult have been observed in Caacupe in January 2007. Until now, this species, known as an invasive coccinellid from Asia, has been mentioned in the South American literature in Argentina (Buenos Aires) at the end of 2001 by Saini and in Curitiba-PR (Brazil) 2002 by de Almeida and da Silva (UFPR). We have observed larvae on cotton in Cascavel-PR in may 2006. The potential intraguild predation by this species has to be documented in the future.

Palavras-chave: *Harmonia axyridis*, Reduviidae, Cotton, Paraguay.

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